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(74) Agents: BRUNELLE, Jan et al.; Exelixis, Inc., P.O. Box 511,, 170 Harbor Way, South San Francisco, CA 94083-0511 (US).

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(71) Applicant (for all designated States except US): AGRI-NOMICS LLC [US/US]; 16160 S.W. Upper Boones Ferry Road, Portland, OR 97224-7744 (US).

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(72) Inventors; and

(75) Inventors/Applicants (for US only): VAN WINKLE, Jill [US/US]; 2111 S.E. Lincoln, Portland, OR 97214 (US). LIU, Xing, Liang [CN/US]; 15000 Davis Lane B-14, Lake Oswego, OR 97035 (US). FITCH, Jonathan, R. [US/US]; 2314 N.E. 45th Avenue, Portland, OR 97213 (US). SHU-LAEV, Vladimir [UA/US]; 545 Silver Leaf Drive, Christiansburg, VA 24073 (US).

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(54) Title: GENERATION OF PLANTS WITH IMPROVED DROUGHT TOLERANCE

(57) Abstract: The present invention is directed to plants that display a drought tolerance phenotype due to altered expression of a DR02 nucleic acid. The invention is further directed to methods of generating plants with a drought tolerance phenotype.

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INTERNATIONAL SEARCH REPORT

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A. CLASSIFICATION OF SUBJECT MATTER

IPC(7) : C12N 15/82, 15/90, 15/63; A01H 5/00, 5/10
US CL : 435/419, 468; 800/278, 295, 298

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

U.S. : 435/419, 468; 800/278, 295, 298

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)
WEST, Agricola, CAPlus, Biosis, GenBank, EMBL, Geneseq, EST

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	YANAGISAWA, S. Dof DNA-Binding Proteins Contain a Novel Zinc Finger Motif. Trends Plant Sci. July 1996, Vol. 1, No. 7, pages 213-214, see whole document.	1-6
Y	PAPI et al. Identification and Disruption of an Arabidopsis Zinc Finger Gene Controlling Seed Germination. Genes Dev. 2000, vol. 14, pages 28-33, see whole document.	1-6
Y	ZHANG et al. Interactions Between Distinct Types of DNA Binding Proteins Enhance Binding to ocs Element Promoter Sequences. Plant Cell. December 1995, Vol. 7, pages 2241-2252, see whole document.	1-6
Y	EU ARABIDOPSIS SEQUENCING PROJECT. DNA Binding Protein. GenBank Accession No. CAB88324, page 1, see whole document.	1-6

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☐ See patent family annex.

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"&" document member of the same patent family

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Name and mailing address of the ISA/US

Mail Stop PCT, Attn: ISA/US
Commissioner for Patents
P.O. Box 1450
Alexandria, Virginia 22313-1450

Facsimile No. (703)305-3230

Authorized officer

Ashwin Menon *Valerie Bell-Harris for*

Telephone No. 703-308-0196